

25X1

CENTRAL INTELLIGENCE AGENCY

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|----------------|----------------------------------|---------------------------------|------------------|
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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

1. [redacted] the VEB Werk fuer Bauelemente der Nachrichtentechnik "Carl von Ossietzky," Treptow, to the Committee for Material Procurement of the East German State Planning Commission, 14 kilograms of germanium dioxide, valued at 119,000 DM, was to be imported by the DMZ Chemie [redacted]. The germanium was to be used for the production of the following:

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| 50,000 diodes (Dioden) according to the 1956 Project Plan | 2.5 kg. | 25X1 |
| 40,000 point-contact diodes (Spitzen-Dioden) (special production) | 2.0 kg. | |
| 20,000 point-contact transistors (Spitzen-Transistoren) (special production) | 1.5 kg. | 25X1 |
| Surface-barrier (flaechen) rectifiers (to be developed) | 1.5 kg. | |
| Surface-barrier transistors (to be developed) | 3.7 kg. | |
| Point-contact transistors (Punkt-Kontakt Transistoren) ¹ (to be developed) | 0.5 kg. | 25X1 |
| Surface-barrier diodes (to be developed) | 0.3 kg. | |
| Research on the examination of semiconductor materials (Untersuchung von Halbleiter-Werkstoffen) | 1.0 kg. | 25X1 |
| Research in the crystal laboratory | 1.0 kg. | |
| Total | 14.0 kg | |

2. [redacted] the request for the imported germanium by the failure of the Forschungsinstitut fuer NE-Metalle (Research Institute for Nonferrous Metals), Freiberg, Sachsen, to produce the required material. The imports were to be delivered during 1956 as follows: 50 percent in the first quarter, 30 percent in the second, and 10 percent during each of the final two quarters. It is emphasized that these amounts represent the minimum requirements for 1956 and are urgently needed if the planned production of 50,000 diodes, 40,000 point-contact (Spitzen) diodes, and 20,000 point-contact (Spitzen) transistors are to be manufactured.

[redacted] Comment: Possibly the words "Spitzen" and "Punkt-Kontakt" are used interchangeably to describe the English term "point-contact".

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